

GyroTracer Directional:

Date: 10/25/2018
 Operator : Adrian Bruner
 API: 05-123-13553
 Well Name: **Larson 6-35**
 Field : Noble Energy Inc
 Tool Type And Number: 1719
 Bottom Depth : 6500.00
 Total Well Depth: 7109.00
 Latitude : 40.357433 N
 Longitude : 104.632878 W
 Grid Offset : 0.54

**Starting Point Coordinates (in local grid):**

Northing: 0.00 Easting: 0.00 Altitude: 4654.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 10/25/2018 10:27

End Time: 10/25/2018 11:31

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance
					+N/-S	+E/-W		
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.000	0.120	263.237	295.346	100.000	0.090	-0.190	0.120	0.210
200.000	0.510	100.486	115.642	199.998	-0.039	0.082	0.620	0.091
300.000	0.415	254.730	97.565	299.996	-0.047	0.355	0.674	0.358
400.000	0.900	211.174	187.415	399.990	-0.853	-0.111	0.686	0.860
500.000	1.053	204.384	199.944	499.979	-2.136	-0.775	0.152	2.272
600.000	1.181	212.805	204.499	599.950	-4.205	-1.916	0.168	4.621
700.000	1.983	214.805	208.002	699.911	-6.489	-3.451	0.856	7.349
800.000	2.015	210.305	210.262	799.855	-9.193	-5.364	0.413	10.644
900.000	2.424	215.294	212.810	899.779	-12.150	-7.833	0.288	14.457
1000.000	2.474	210.335	215.174	999.671	-15.536	-10.949	0.315	19.006
1100.000	3.123	230.937	218.478	1099.519	-19.057	-15.147	1.131	24.344
1200.000	4.070	232.765	221.650	1199.317	-22.772	-20.254	1.014	30.476
1300.000	4.170	275.882	228.121	1299.083	-24.063	-26.838	2.925	36.046
1400.000	3.986	271.168	235.101	1398.825	-23.718	-34.000	0.389	41.455
1500.000	4.453	271.310	240.316	1498.551	-23.593	-41.389	0.804	47.641
1600.000	4.100	261.280	243.858	1598.296	-23.812	-48.516	0.828	54.044
1700.000	3.731	262.867	246.082	1698.049	-24.604	-55.476	0.383	60.688
1800.000	4.070	250.867	248.004	1797.810	-25.178	-62.331	0.872	67.224
1900.000	3.349	256.327	247.614	1897.589	-28.114	-68.257	0.809	73.820
2000.000	3.477	242.872	247.790	1997.396	-30.231	-74.042	0.868	79.976
2100.000	2.829	240.410	247.527	2097.234	-32.729	-79.120	0.652	85.622
2200.000	2.535	230.213	247.071	2197.098	-35.355	-83.577	0.666	90.747
2300.000	2.144	237.949	246.645	2297.020	-37.495	-86.833	0.553	94.582

2400.000	1.354	229.480	246.245	2396.968	-39.353	-89.416	0.852	97.692
2500.000	1.327	222.056	245.907	2496.933	-40.921	-91.510	0.057	100.243
2600.000	1.644	234.357	245.608	2596.908	-42.278	-93.237	0.455	102.375
2700.000	1.092	216.799	245.345	2696.882	-43.599	-94.987	0.568	104.515
2800.000	1.534	226.263	245.038	2796.860	-44.939	-96.537	0.514	106.484
2900.000	1.309	214.204	244.500	2896.835	-46.679	-97.867	0.258	108.429
3000.000	1.330	209.183	243.933	2996.810	-48.485	-99.116	0.373	110.340
3100.000	0.989	212.188	243.335	3096.790	-50.217	-99.996	0.313	111.897
3200.000	1.647	198.733	242.555	3196.763	-52.355	-100.811	0.750	113.595
3300.000	1.425	178.239	241.656	3296.736	-54.588	-101.195	0.514	114.979
3400.000	1.548	185.838	240.668	3396.697	-57.204	-101.804	0.241	116.775
3500.000	1.953	189.467	239.442	3496.650	-60.227	-102.007	0.248	118.460
3600.000	1.850	172.932	238.229	3596.599	-63.359	-102.304	0.382	120.335
3700.000	1.812	164.750	236.956	3696.549	-66.480	-102.199	0.208	121.919
3800.000	1.562	161.474	235.792	3796.507	-69.303	-101.947	0.260	123.273
3900.000	1.512	158.220	234.671	3896.466	-72.082	-101.697	0.197	124.652
4000.000	1.437	153.940	233.683	3996.438	-74.305	-101.091	0.266	125.462
4100.000	1.241	161.839	232.887	4096.421	-75.833	-100.222	0.214	125.679
4200.000	1.294	131.072	231.964	4196.399	-77.724	-99.353	0.672	126.143
4300.000	0.905	126.053	231.075	4296.378	-79.124	-97.971	0.545	125.932
4400.000	1.134	164.704	230.288	4396.362	-80.347	-96.737	0.734	125.753
4500.000	1.090	123.515	229.301	4496.336	-81.745	-95.042	0.672	125.361
4600.000	1.549	120.222	228.311	4596.310	-83.031	-93.227	0.368	124.841
4700.000	1.566	103.072	227.426	4696.284	-83.668	-91.071	0.437	123.670
4800.000	1.527	82.707	226.590	4796.254	-83.941	-88.733	0.521	122.146
4900.000	1.476	110.563	225.783	4896.223	-83.979	-86.307	0.817	120.422
5000.000	1.665	81.407	224.756	4996.184	-84.315	-83.600	0.837	118.735
5100.000	1.270	98.809	223.796	5096.149	-84.467	-80.989	0.638	117.021
5200.000	1.518	90.155	222.801	5196.111	-84.594	-78.338	0.296	115.296
5300.000	0.862	89.113	221.819	5296.080	-84.908	-75.967	0.843	113.931
5400.000	1.341	75.748	221.218	5396.060	-84.584	-74.096	0.596	112.448
5500.000	1.586	73.042	220.595	5496.039	-84.158	-72.119	0.443	110.832
5600.000	0.920	92.421	219.805	5596.011	-83.830	-69.858	0.716	109.122
5700.000	1.124	103.755	218.902	5695.985	-83.858	-67.669	0.272	107.756
5800.000	0.942	107.502	217.875	5795.959	-84.209	-65.495	0.285	106.680
5900.000	0.738	148.378	217.090	5895.945	-84.805	-64.115	0.721	106.314
6000.000	0.583	115.208	216.229	5995.931	-85.691	-62.783	0.521	106.230
6100.000	0.652	94.165	215.442	6095.918	-86.446	-61.529	0.348	106.107
6200.000	0.651	150.159	214.831	6195.911	-87.228	-60.694	0.620	106.266
6300.000	0.951	138.798	214.306	6295.904	-87.844	-59.936	0.226	106.343
6400.000	0.972	159.384	213.814	6395.898	-88.414	-59.220	0.422	106.414
6500.000	0.400	132.170	213.251	6495.891	-89.120	-58.431	0.296	106.567